

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
1600 EAST LAMAR BLVD  
ARLINGTON, TEXAS 76011-4511

March 4, 2013

Mr. Kevin Mulligan  
Vice President Operations  
Entergy Operations, Inc.  
Grand Gulf Nuclear Station  
P.O. Box 756  
Port Gibson, MS 39150

SUBJECT: ANNUAL ASSESSMENT LETTER FOR GRAND GULF NUCLEAR STATION  
(REPORT 05000416/2012801)

Dear Mr. Mulligan:

On February 13, 2013, the NRC completed its end-of-cycle performance review of Grand Gulf Nuclear Station. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2012 through December 31, 2012. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that, overall, Grand Gulf Nuclear Station operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Grand Gulf Nuclear Station during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

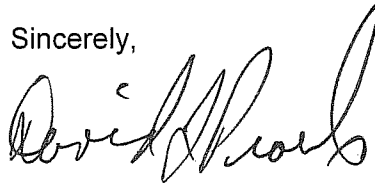
The NRC identified a cross-cutting theme in the work practices component of the human performance area. Specifically, the NRC identified four findings associated with procedural compliance involving a failure to define and effectively communicate expectations regarding procedural compliance, or personnel failing to follow procedures [H.4(b)]. The NRC determined that a substantive cross-cutting issue does not exist because the NRC does not have a concern with your staff's scope of effort and progress in addressing the cross-cutting theme. While there were more than three inspection findings with this theme, we understand this represents a recent performance trend. Once identified, you placed this issue into your corrective action program and are currently developing plans to address this issue. The NRC will continue to monitor your staff's efforts and progress in addressing the theme until the theme criteria are no longer met.

The enclosed inspection plan lists the inspections scheduled through June 30, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security-related inspections, which will be sent via separate, non-publicly available correspondence.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 817-200-1144 with any questions you may have regarding this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "David Proulx". The signature is fluid and cursive, with a large, stylized "D" and "P".

David Proulx, Acting Chief  
Project Branch C  
Division of Reactor Projects

Docket No. 50-416  
License No. NPF-29

Enclosure:  
Grand Gulf Nuclear Station Inspection/Activity Plan

## Grand Gulf

## Inspection / Activity Plan

03/01/2013 - 06/30/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1	03/01/2012 06/30/2013	2515/182 - DEGRADATION UNDERGROUND PIPING (PHASE 1) IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	2
1	02/25/2013 03/01/2013	EB1-07T - TRIENNIAL HEAT SINK INSPECTION IP 7111107T	Heat Sink Performance	1
1	04/08/2013 04/19/2013	EB1-17T - TRIENNIAL PERM PLANT MODS & 50.59 IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	5
1	05/06/2013 05/10/2013	EXAM - INITIAL OPERATOR EXAM RETAKE X02536	RETAKE EXAM- GG (5/6/13)	2
1	10/07/2013 10/11/2013	EXAM - INITIAL LICENSED OPERATOR EXAM X02517	INITIAL EXAM-GG 9 (11/2013)	5
1	11/11/2013 11/21/2013	EXAM - INITIAL LICENSED OPERATOR EXAM X02517	INITIAL EXAM-GG 9 (11/2013)	4
1	06/17/2013 06/21/2013	PSB2-RP - RADIATION SAFETY IP 71124.05	Radiation Monitoring Instrumentation	3
1	06/17/2013 06/21/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	4
1	06/17/2013 06/21/2013	IP 71124.07	Radiological Environmental Monitoring Program	1
1	06/17/2013 06/21/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	3
1	08/19/2013 08/23/2013	INSP - LICENSED OPERATOR REQUAL INSP IP 7111111B	Licensed Operator Requalification Program	4
1	08/12/2013 08/30/2013	PI&R 52B - BIENNIAL PI&R IP 71152B	Problem Identification and Resolution	1
1	09/09/2013 09/13/2013	EP-3 - EP PERFORMANCE INDICATORS IP 71151-EP01	Drill/Exercise Performance	4
1	09/09/2013 09/13/2013	IP 71151-EP02	ERO Drill Participation	2
1	09/09/2013 09/13/2013	IP 71151-EP03	Alert & Notification System	4
1	09/09/2013 09/13/2013	EP1 - BIENNIAL EXERCISE INSPECTION IP 7111401	Exercise Evaluation	2
1	10/21/2013 10/25/2013	PSB2-RP - RADIATION SAFETY IP 71124.01	Radiological Hazard Assessment and Exposure Controls	2
1	10/21/2013 10/25/2013	IP 71124.02	Occupational ALARA Planning and Controls	2
1	10/21/2013 10/25/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	2
1	10/21/2013 10/25/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	2
1	02/24/2014 02/28/2014	RS13 - RADIATION SAFETY IP 71124.01	Radiological Hazard Assessment and Exposure Controls	2

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

## Grand Gulf

## Inspection / Activity Plan

03/01/2013 - 06/30/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>RS13 - RADIATION SAFETY</b>		<b>2</b>
1	02/24/2014	02/28/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	02/24/2014	02/28/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	02/24/2014	02/28/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			<b>EB2-05T - TRIENNIAL FIRE PROTECTION INSPECTION</b>		<b>4</b>
1	04/14/2014	04/18/2014	IP 7111105T	Fire Protection [Triennial]	
1	04/28/2014	05/02/2014	IP 7111105T	Fire Protection [Triennial]	

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